

Date: Thursday, May 29, 2014

To: Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section
P.O. Box 19276
Springfield, IL 62794-9276

Email: epa.ms4annualinsp@illinois.gov

Re: Village of Bradley – Municipal Separate Storm Sewer System
NPDES Permit No. IL400300 Annual Report

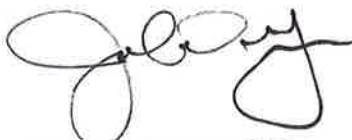
Enclosed is the Annual Inspection Report as required for the referenced NPDES permit.

The selected BMPs submitted with our application continue to be appropriate in addressing the six (6) minimum control measures. Also enclosed are:

- 2014 report on status of identified measurable goals indicating that the Village's progress with the milestones as submitted in the Village's NOI to comply with General NPDES Permit No ILR40
- Copy of BMPs and Measurable Goals as submitted with NOI (Appendix A)

Please feel free to call me if you have any questions or require additional information.

Sincerely,
M. GINGERICH GEREAX & ASSOCIATES



JOEL GREER P.E.

Enclosures

Cc: Al Gonzalez

ENGINEERING • PLANNING • SURVEYING



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2013 To March, 2014

Permit No. ILR40 0300

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Village of Bradley Mailing Address 1: 147 South Michigan
Mailing Address 2: _____ County: Kankakee
City: Bradley State: IL Zip: 60915 Telephone: 815-932-2125
Contact Person: James Bessler Email Address: jwbessler@thevillageofbradley.com
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Village of Bradley Kankakee County
Bourbonnais Township Kankakee Township

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|----------------------------------------------|--------------------------|-------------------------------------------|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

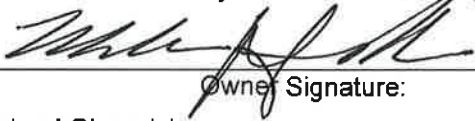
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))



Owner Signature:

Michael Gingerich

Printed Name:

4/29/2014

Date:

Village Engineer

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



Item "A"

"Changes to Best Management Practices"

C. ILLICIT DISCHARGE PROTECTION AND ELIMINATION

C.4. Revise schedule to visit the outfalls and screening them for illicit discharges annually instead of monthly.

Item "B"

"Status of compliance with permit conditions , an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures."

A. PUBLIC EDUCATION AND OUTREACH

A.1. Village review of brochure was completed. Brochure finalized for distribution and made available to public at Village offices.

B. PUBLIC PARTICIPATION/ INVOLVEMENT

B.4. Presentation documents completed, presentation to planning commission scheduled for July 2014

B.6. No particular organization was recognized for reducing pollutants in storm water runoff.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION

C.1. The Village continues to conduct field surveys to verify the storm sewer facility locations and update outfall map and inspection location as needed.

C.4. The Village has been unable to achieve the original goal of monthly visits of outfalls due costs. Outfalls have been visited semi-annually if possible and annually at a minimum.

C.5. No Complaints have been received.

C.9. See section A. 1.



**D. CONSTRUCTION SITE RUNOFF CONTROL /
E. POST CONSTRUCTION RUNOFF CONTROLS**

D.1. / D.2. / E.2. No Revisions have been made, review as necessary and continue.

D.4. / E.4. Plans were reviewed for conformance to the erosion control and standard ordinances.

D.6. / E.5. Periodic visits were conducted at sites to observe proper BMPs were in place, guidance and education was given as needed.

E.3. The 2013 annual site visits of all detention facilities under construction or containing Native plantings was conducted and a report completed. During the annual site visits the Village worked on adding diverse plant species, herbicide invasive species, and further extend native plantings.

E.6. Annual site visits of existing construction sites were conducted. Any deficiencies were reported and forwarded to the owners.

F. POLLUTION PREVENTION/ GOOD HOUSE KEEPING

F.1. Employees have continued training to recognize site construction conditions with inadequate controls. Employees have been performing any necessary maintenance.

F.2. One-fifth of the storm sewer system has been observed.

F.3. The Village has continued regular street sweeping and inlet clean out operations.

F.5. The NFIP maps have been updated. Village records will be updated as projects are proposed.

Item "C"

"Results of information collected and analyzed, including monitoring data, if any during the reporting period".

N/A - no monitoring data was collected



Item "D"

"Summary of the storm water activities you plan to undertake during the next reporting cycle (including implementation schedule)."

A. PUBLIC EDUCATION AND OUTREACH

A.1. General information brochure will be available for distribution as needed.

B. PUBLIC PARTICIPATION/ INVOLVEMENT

B.4. A presentation to the plan commission will occur in July 2014. The village engineer will update the public and plan commission on IEPA regulations and specific Village Best Management Practices.

B.6. Upon cursory review in year 5 there are no known civic organizations that reduced pollutants to record for year 5. Upon finding an exemplary organization the originally stated process will continue at year 1.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION

C.1. The Village is continuing to update maps through data collection during the platting process.

C.4. The Village will be visiting outfalls semi-annually and observing them for illicit discharges.

C.5. The Village will notify and correct illicit discharges as identified. The illicit discharges, notification, and response will be recorded.

C.9. Include illicit discharge information in brochure for A.1. As found illicit discharges are recorded the brochure will be revised as necessary to address regional concerns.

D. CONSTRUCTION SITE RUNOFF CONTROL /

E. POST CONSTRUCTION RUNOFF CONTROLS

D.1./ D.2./ E.2 Review ordinances and revise as needed

D.4./ E.4 The Village will continue reviewing site plans to confirm compliance with erosion control and standards ordinance.

D.6. / E.5 The Village will continue the existing site visit regimen to confirm BMPs are in place. When the BMPs are not in place education, warnings and possibly penalties will be utilized to correct the situation as applicable.



E.3 The Village will continue having a consultant to observe the conditions of Village owned native plantings and natural detention facilities. The structural and outlet conditions will be observed by the Village engineer.

E.6. Continue plan to annually observe each site with special attention placed on detention facilities and outlet works. Reports will continue to be used for punch list letters to developers and owners if necessary.

F. POLLUTION PREVENTION/ GOOD HOUSE KEEPING

F.1. Employee training will continue.

F.2. The Village will continue to observe 1/5 of the storm sewer system in 2014. This will continue the 5 year cycle of observing the entire storm sewer system in the Village.

F.3. The Village will continue to regularly perform street sweeping, and inlet clean out duties.

F.5 The Village shall continue to update its records as projects are proposed.

Item "E"

"Notice that you are relying on another government entity to satisfy some of your permit obligations".

N/A

Item "F"

"List of construction projects that your entity has paid for during the reporting period."

- 1. Annual MFT road maintenance (largely consists of road overlays)**
- 2. Street and Alley Repair program**
- 3. Various small sewer and drainage projects.**
- 4. Various small street repairs.**
- 5. Various minor sidewalk and curb replacements (50/50 program).**



APPENDIX “A”

2009 Notice of Intent :
(Best Management Practices
And
Measurable Goals)

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT
FOR GENERAL PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
(MS4s)**

Input forms in Word format are available
by via email.
marilyn.davenport@epa.state.il.us
or by calling the Permit Section at
217/782-0610
See address for mailing on page 4

For Office Use Only – Permit No. ILR40 _____

Part I. General Information

1. MS4 Operator Name: Village of Bradley

2. MS4 Operator Mailing Address:
Street- 147 S Michigan City- Bradley
State- IL Zip Code- 60915

3. Operator Type: Village

4. Operator Status: Local

5. Name(s) of Governmental Entity(ies) in which MS4 is located: Village of Bradley

6. Area of land that drains to your MS4 (in square miles): 2.25 Sq Miles (Soldier Creek Watershed)

5. Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 41 09 03N Longitude: 87 51 60W
DEG. MIN. SEC. DEG. MIN. SEC.

8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

1. <u>Soldier Creek</u>	2. <u>Kankakee River</u>
3. _____	4. _____
5. _____	6. _____
7. _____	8. _____
9. _____	10. _____

9. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

<u>Name</u>	<u>Title</u>	<u>TelephoneNo.</u>	<u>Area of Responsibility</u>
<u>Scott Williams</u>	<u>Sup. of Dept.</u>	<u>815-932-2125</u>	<u>Building Standards and Utilities</u>
<u>""</u>	<u>Sup. of Dept.</u>	<u>""</u>	<u>Sewers</u>
<u>Jim Travis</u>	<u>Sup. of Dept.</u>	<u>815-932-2125</u>	<u>Streets, Alleys, and Public Lands</u>

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.

Part II. Best Management Practices (include shared responsibilities) Proposed to be Implemented in the MS4 Area

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Part IV. Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets (Attachment 3) as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1 - Distributed Paper Material

Brief Description of BMP: The Village will publish and distribute a brochure describing the impacts of stormwater discharges and steps the general public can take to reduce pollutants in stormwater runoff.

Measurable Goal(s), including frequencies: Brochures will be packaged with "sewer bills" semi- annually.

Milestones: Year 1: Review similar existing brochures and identify particular concerns in the Bradley Area
Year 2: Design brochure
Year 3: Distribute brochure and ask for feedback from the public
Year 4: Revise brochure based on feedback and review of similar documents
Year 5: Distribute brochure (continue as in year 3 and 4)

BMP No. B.4 - Public Hearing

Brief Description of BMP: Conduct public information meeting at regularly scheduled public hearing (Plan Commission Meeting)

Measurable Goal(s), including frequencies: Present a workshop at the public hearing held by the Plan Commission Meeting minutes will record public involvement and recommendation.

Milestones: Year 1: Prepare power point presentation
Year 2: Present courtesy workshop to plan commission
Year 3: Present at public hearing held by plan commission
Year 4: n/a
Year 5: Present at community alliance meeting (continue as year 2&3)

BMP No. B.6 - Program Coordination

Brief Description of BMP: Identify organizations that may be implementing actions that reduce pollutants in storm water run off or who may be interested in implementing such actions

Measurable Goal(s), including frequencies: Create a record of actions implemented by various organizations and recognize these actions by formal notice of appreciation or proclamation by the Village Board

Milestones: Year 1: Contact various civic organizations to identify activities and interests
Year 2: Create record of activities performed by various organizations
Year 3: Meet with various organizations to provide suggestion as to activities they might pursue
Year 4: Create record of activities performed by various organizations
Year 5: Continue as year 3 & 4.

BMP No. C.1 - Storm Sewer Map Preparation

Brief Description of BMP: Prepare a storm sewer map, showing locations of manholes, inlets, ditches, swales, natural water ways, and receiving waters (Waters of the Unites States)

Measurable Goal(s), including frequencies: Complete map that is updated annually

Milestones: Year 1: Collect all existing information on outfall locations
Year 2: Conduct field survey to verify locations and record locations of un-mapped outfalls
Year 3: Draw map
Year 4: Update Map through data collection during platting process
Year 5: Continue on as in year 4

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. C.4 - Illicit Discharge Tracing Procedures

Brief Description of BMP: Screening the storm water system to identify possible illicit discharges at outfalls and sample these outfalls

Measurable Goal(s), including frequencies: periodic outfall visit

- Milestones:**
- Year 1:** visit outfalls monthly
 - Year 2:** ""
 - Year 3:** ""
 - Year 4:** ""
 - Year 5:** ""

BMP No. C.5 - Illicit Discharge Removal Procedures

Brief Description of BMP: Notify illicit discharger and direct correction of problem

Measurable Goal(s), including frequencies: Record of illicit discharges that have been corrected

- Milestones:**
- Year 1:** Notify and Correct
 - Year 2:** ""
 - Year 3:** ""
 - Year 4:** ""
 - Year 5:** ""

BMP No. C.9 - Public Notification

Brief Description of BMP: Notify Public of revised design standards and illicit discharge tracing and removal program and encourage reporting of illicit discharge

Measurable Goal(s), including frequencies: Document voluntary compliance and public reporting of illicit discharge

- Milestones:**
- Year 1:** Include Illicit Discharge Information in Brochure A.1 see A.1
 - Year 2:** ""
 - Year 3:** ""
 - Year 4:** ""
 - Year 5:** ""

BMP No. D.1 & D.2 & E.2

Brief Description of BMP: Update Existing design standards to include LID and BMP aspects

Measurable Goal(s), including frequencies: Revise ordinance to be adopted by Village

- Milestones:**
- Year 1:** Draft and adopt revised ordinance
 - Year 2:** N/A
 - Year 3:** Review / Research / Revise
 - Year 4:** Draft and Adopt revisions
 - Year 5:** N/A

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. D.4 & E.4 Site Plan / Pre Const. Review

Brief Description of BMP: Review site plans to confirm compliance with control and standard ordinance

Measurable Goal(s), including frequencies: Implementation of review aids and documentation of plan review

Milestones: **Year 1:** review site plans
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. D.6 & E.5 Site Inspection / Enforcement

Brief Description of BMP: Periodic visits to construction sites to confirm BMPs are in place, provide additional guidance and education, issue warnings, and asses penalties

Measurable Goal(s), including frequencies: Keep log recording site visits and conditions of BMPs

Milestones: **Year 1:** Continue existing site visit regime
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. E.3 - Long Term O&M Procedures

Brief Description of BMP: Conduct annual visits and maintenance on detention facilities with native plantings and on all structural aspects and outlet devices.

Measurable Goal(s), including frequencies: Annual checklist performed on detention facilities.

Milestones: **Year 1:** Observe conditions of native plantings by consultant, observe structural/outlet aspects by eng.
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. E.6 Post Construction Inspections

Brief Description of BMP: Annual site visit and reporting

Measurable Goal(s), including frequencies: Proper care and maintenance of post construction control facilities.

Milestones: **Year 1:** Annual site visits
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. F.1 - Employee Training Program

Brief Description of BMP: Train public works employees to recognize site construction BMP's and good house keeping techniques

Measurable Goal(s), including frequencies: Employees are trained to recognize failing sediment control measures and are performing property open space, fleet, and building maintenance

Milestones: **Year 1:** Training
Year 2: N/A
Year 3: Training
Year 4: N/A
Year 5: Training

BMP No. F.2 - Inspection and Maintenance

Brief Description of BMP: Periodic observation of stormwater conveyance system to report deficiencies and prioritize improvements

Measurable Goal(s), including frequencies: Define schedule for regular observation of the storm water conveyance system. Observe entire system every five years (1/5 of system per year)

Milestones: **Year 1:** Observe 1/5 of system, prepare public works report & plan improvements
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. F.3 -Muni Operations Storm Water Control

Brief Description of BMP: Create operation plan to minimize discharge of sediment and pollutants from village streets, parks, and facilities

Measurable Goal(s), including frequencies: Reduced granular sediment at outfalls

Milestones: **Year 1:** Regular street sweeping and Inlet clean out.
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. F.5 - Flood Management/Assess Guideline

Brief Description of BMP: Continue meeting requirements for National Flood Insurance Program (NFIP) community Update Flood Maps as necessary

Measurable Goal(s), including frequencies: Maintain NFIP community status. Keep updated maps on file.

Milestones: **Year 1:** Update and Review maps as presented by map modernization team from FEEMA
Year 2: Update floodplain ordinances and approve maps as presented by map modernization team.
Year 3: Update Village files as projects are proposed.
Year 4: ""
Year 5: ""